## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of the Claims:

1    **Claim 1 (currently amended):** ~~An~~ A moving picture data

2    producing apparatus for generating outputted moving picture

3    data derived from inputted uncompressed moving picture data,

4    said apparatus comprising:

5        input means for inputting said uncompressed moving

6    picture data;

7        ~~compression~~ moving picture coding means including

8    quantization means for generating compressed moving picture

9    data from said uncompressed moving picture data; ~~and~~

10        rate correction data producing means for producing rate

11   correction data based on an output of said moving picture

12   coding means, said rate correction data including

13   information about said compressed moving picture data;

14        compression frame data means for adding said rate

15   correction data to ~~be added to~~ said compressed moving

16   picture data to generate compression frame data; and

17        output means for outputting said compression frame data

18   to a moving picture coding apparatus, wherein said moving

19   picture coding ~~to generate said outputted moving picture~~

20   ~~data which is used by another~~ apparatus is used to change

21 the bit rate of said compressed moving picture data <u>by</u>

22 <u>utilizing said rate correction data and a desired bit rate</u>

23 <u>input to said moving picture coding apparatus.</u>

1 **Claim 2 (currently amended):** The apparatus according

2 to Claim 1, wherein said rate correction data producing

3 means creates rate correction data which enables rate

4 changing by said ~~another~~ <u>moving picture coding</u> apparatus by

5 conducting a quantization for an area having high bit rate

6 in motion picture frames, while using <u>a</u> quantization value

7 which is different from [[a]] <u>the</u> value used when producing

8 the compressed moving picture data.

1 **Claim 3 (currently amended):** The apparatus according

2 to Claim 1, wherein said rate correction data producing

3 means creates rate correction data which enable<u>s</u> bit rate

4 changing by said ~~another~~ <u>moving picture coding</u> apparatus by

5 conducting a different quantization for the area in a P

6 frame of the compressed moving picture data having a low

7 probability of being referred to in a motion prediction

8 operation.

1    **Claim 4 (currently amended):** The apparatus according

2    to any one of Claims 1 to 3, wherein said ~~compression~~ moving

3    picture coding means further includes:

4    means for recording reference inhibition area

5    information about an area not to be referred to for motion

6    compensation, wherein the area information is included in

7    the rate correction data for each frame of the moving

8    picture data; and

9    motion compensation means for conducting motion

10   compensation without referring to the area not to be

11   referred to in conducting motion prediction for a next

12   frame.


1    **Claim 5 (currently amended):** The apparatus according

2    to Claim 1, wherein said ~~compression~~ moving picture coding

3    means includes motion compensation means for conducting

4    motion compensation and outputting referenced area

5    information referred to at a time of motion estimation;

6    wherein

7    said rate correction data producing means uses the

8    referenced area information to create[[s]] said rate

9    correction data which enables rate changing by said ~~another~~

10   moving picture coding apparatus by conducting a quantization

11   for an area a low probability of being referred to in

12    conducting motion prediction for the next frame, while using

13    quantization value which is different from [[a]] the value

14    used when producing the compressed moving picture data.


1     **Claim 6 (currently amended):** The apparatus according

2     to Claim 1, wherein said rate correction data producing

3     means deletes high frequency components from said input

4     uncompressed moving picture data in advance, and then

5     produces said rate correction data which enables rate

6     changing by said ~~another~~ moving picture coding apparatus by

7     conducting a quantization using a quantization value

8     equivalent to [[a]] the value used when producing the

9     compressed moving picture data.


1     **Claim 7 (currently amended):** The apparatus according

2     to Claim 1, wherein said rate correction data producing

3     means determines position information identifying a position

4     at which rear portions of bits in packets of said compressed

5     motion picture data are identified for later deletion by the

6     ~~another~~ moving picture coding apparatus with respect to an

7     area structured by a continuous arbitrary number of macro-

8     blocks and wherein the rate correction data producing means

9     produces the rate correction data including the position

10    information.

1     **Claim 8 (currently amended):** The apparatus according

2     to Claim 1, wherein said rate correction data producing

3     means produces rate correction data which enables the bit

4     rate changing by said ~~another~~ moving picture coding

5     apparatus by creating an I-frame as well as P-frame with

6     respect to the motion picture frames generated as P-frame by

7     said compression means.

1     **Claim 9 (currently amended):** A moving picture data

2     producing apparatus to which uncompressed moving picture

3     data is input, comprising:

4     input means for inputting said uncompressed moving

5     picture data;

6     ~~compression~~ moving picture coding means including

7     quantization means for generating compressed moving picture

8     data from said uncompressed moving picture data; ~~and~~

9     rate correction data producing means for producing rate

10    correction data;

11    compression frame data means for adding said rate correction

12    data ~~to be added~~ to said compressed moving picture data to

13    generate ~~outputted moving picture~~ compression frame data;

14    and

15    output means for outputting said compression frame data

16    to a moving picture coding apparatus, wherein said moving

17   picture coding ~~which is used by another~~ apparatus <u>is used</u> to

18   change the bit rate of said compressed moving picture data

19   <u>by utilizing said rate correction data and a desired bit</u>

20   <u>rate input to said moving picture coding apparatus</u>, wherein

21        said rate correction data producing means includes a

22   quarry-out area deciding means which decides an area <u>of said</u>

23   <u>compression frame data</u> which is able to <u>be</u> partially ~~quarry~~

24   <u>quarried</u> out<u>, by said moving picture coding apparatus, from</u>

25   ~~in~~ a frame of <u>said compressed</u> moving picture data, and

26   <u>wherein</u>

27        said rate correction data producing means creates said

28   rate correction data for <u>identifying the</u> ~~region in the~~

29   quarry out area thus decided.


1        **Claim 10 (currently amended):**  The apparatus according

2   to Claim 9, wherein the rate correction data producing means

3   produces  the  rate  correction  data  which  enables  rate

4   changing by said ~~another~~ <u>moving picture coding</u> apparatus for

5   at least one or more areas within said quarry out area.


     **Claim 11 (canceled)**


1        **Claim 12 (currently amended):**  A moving picture coding

2   apparatus comprising:

3    input means for inputting compression frame data output

4    from a data producing apparatus, said compression frame data

5    including compressed moving picture data, and rate

6    correction data having information about the compressed

7    moving picture data, said input means also for inputting a

8    desired bit rate;

9    rate correction data extraction means for extracting

10   said information about the compressed moving picture data

11   from said rate correction data of said compression frame

12   data; and

13   ~~bit~~ rate correction means for ~~selecting rate correction~~

14   ~~data, for each frame, from~~ generating modified compressed

15   moving picture data by changing the bit rate of said

16   compressed moving picture data to the desired bit rate

17   utilizing said information about the compressed moving

18   picture data, ~~compressed moving picture data input to said~~

19   ~~apparatus so as to comply with a bit rate to be output, and~~

20   ~~also for replacing the selected rate correction data with~~

21   ~~compressed moving picture data so that another moving~~

22   ~~picture data having a different bit rate is synthesized,~~

23   wherein the bit rate is changed ~~based on said rate~~

24   ~~correction data~~ without decoding all of said inputted

25   compressed moving picture data; and

26      output  means  for  outputting  said  modified  compressed

27  moving picture data for transmission to a user.


**Claim 13 (canceled)**


1       **Claim 14 (currently amended):**  The apparatus according

2   to Claim 12, wherein said rate correction data includes bit

3   deletion  data  identifying  bits  in  said  compressed  moving

4   picture  data  which  are  identified  for  ~~later~~  possible

5   deletion, and further wherein said bit rate correction means

6   uses  said  bit  deletion  data  to  delete  some  number  of  said

7   bits  from said compressed moving picture data  to  output

8   modified  compressed  moving  picture  data  at  the  ~~a different~~

9   desired bit rate.


**Claims 15-20 (canceled)**


1       **Claim 21 (new):**  A system for changing the bit rate of

2   compressed moving picture data, said system comprising:

3       a moving picture data producing apparatus including:

4       rate correction data producing means for producing rate

5   correction data including information about said compressed

6   moving picture data,

7    compression frame data means for adding said rate

8    correction data to said compressed moving picture data to

9    generate compression frame data, and

10    output means for outputting said compression frame

11    data; and

12    a moving picture coding apparatus separate from said

13    moving picture data producing apparatus, said coding

14    apparatus including:

15    input means for inputting said compression frame

16    data output from said data producing apparatus, said

17    input means also for inputting a desired bit rate,

18    bit rate correction means for generating modified

19    compressed moving picture data by using said

20    information in said rate correction data for changing

21    the bit rate of said    compressed moving picture data

22    to the desired bit rate, and

23    output means for outputting said modified

24    compressed moving picture data for transmission to a

25    user.

1    **Claim 22 (new):** The system of claim 21, wherein said

2    rate correction data includes bit deletion data identifying

3    bits in said compressed moving picture data for possible

4    deletion, and further wherein said bit rate correction means

5  uses said bit deletion data to delete some number of said

6  bits from said compressed moving picture data to generate

7  said modified compressed moving picture data at the desired

8  bit rate.

1  **Claim 23 (new):**  The system of claim 21, wherein said

2  bit rate is changed by said moving picture coding apparatus,

3  based on said rate correction data, without decoding all of

4  said inputted compressed moving picture data.

1  **Claim 24 (new):**  A system for changing the bit rate of

2  compressed moving picture data, said system comprising:

3  a moving picture data producing apparatus including:

4  input means for inputting uncompressed moving

5  picture data,

6  moving picture coding means for generating

7  compressed moving picture data from said uncompressed

8  moving picture data,

9  rate correction data producing means for producing

10  rate correction data based on an output of said moving

11  picture coding means, said rate correction data

12  including information about said compressed moving

13  picture data,

14                  compression frame data means for adding said rate

15        correction data to said compressed moving picture data

16        to generate compression frame data, and

17                   output means for outputting said compression frame

18        data; and

19        a moving picture coding apparatus including:

20                   input means for inputting compression frame data

21        output from said data producing apparatus, said input

22        means also for inputting a desired bit rate,

23                   rate correction data extraction means for

24        extracting said information about the compressed moving

25        picture data from said rate correction data of said

26        compression frame data,

27                   rate correction means for generating modified

28        compressed moving picture data by changing the bit rate

29        of said compressed moving picture data to the desired

30        bit rate by utilizing said information about the

31        compressed moving picture data, and

32                   output means for outputting said modified

33        compressed moving picture data for transmission to a

34        user;

35        wherein the bit rate is changed by said moving picture

36 coding apparatus without decoding the compressed moving

37 picture data of said compression frame data.

1      **Claim 25 (new):** The system of claim 24, wherein said

2    rate correction data includes bit deletion data identifying

3    bits in said compressed moving picture data for possible

4    deletion, and further wherein said bit rate correction means

5    uses said bit deletion data to delete some number of said

6    bits from said compressed moving picture data to generate

7    said modified compressed moving picture data at the desired

8    bit rate.